



Indiana Department of Environmental Management

Office of Water Quality

Wetlands Section

Publication Date:
October 6, 2010

IDEM ID Number:
2010-346-79-EMP-A

Closing Date:
October 27, 2010

Corps of Engineers ID Number:
LRL-2010-795-sjm

PUBLIC NOTICE

To all interested parties:

This letter shall serve as a formal notice of the receipt of an application for **Section 401 Water Quality Certification** by the Indiana Department of Environmental Management (IDEM). The purpose of the notice is to inform the public of active applications submitted for water quality certification under Section 401 of the Clean Water Act (33 U.S.C. § 1341) and to solicit comments and information on any impacts to water quality related to the proposed project. IDEM will evaluate whether the project complies with Indiana's water quality standards as set forth at 327 IAC 2.

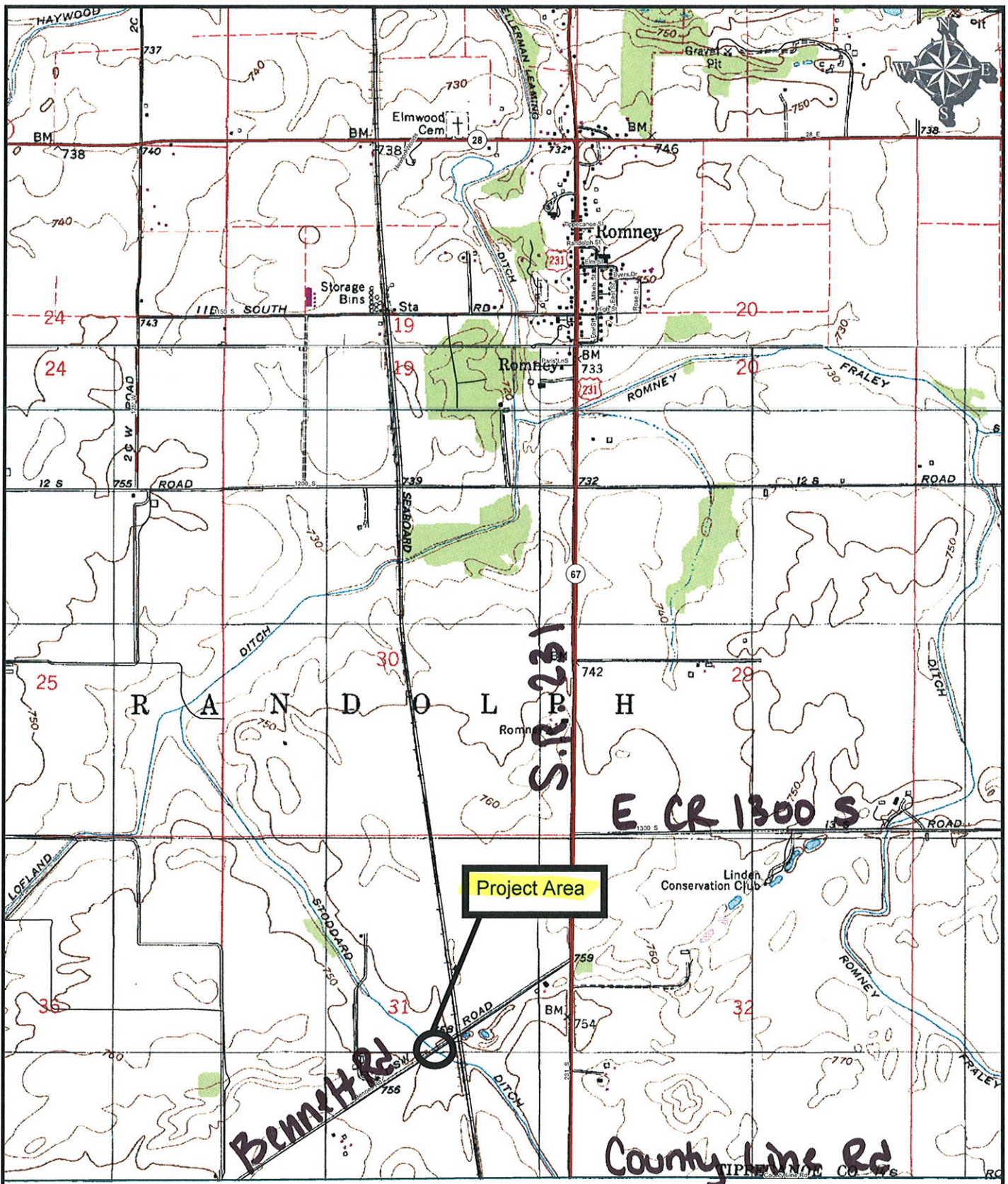
- | | | | |
|----------------------|---|------------------|--|
| 1. Applicant: | Ms. Opal Kuhl
Tippecanoe County Highway Department
20 N. Third St.
Lafayette, IN 47901 | 2. Agent: | Mr. Ryan Scott
Butler, Fairman, and Seufert, Inc.
8450 Westfield Blvd., Ste. 300
Indianapolis, IN 46240 |
|----------------------|---|------------------|--|
- 3. Project location:** SE 1/4 Section 31, Township 21 North, Range 4 West, Linden USGS Quadrangle
Project is located where Bennett Rd. crosses Stottard Ditch, west of SR 231, near Romney, Tippecanoe County
- 4. Affected waterbody:** Stottard Ditch
- 5. Project Description:** The applicant proposes to replace the existing 66' by 13.5' by 8' CMP carrying Bennett Rd. over Stottard Ditch with a 66' by 12' by 10' four-sided concrete box culvert on the same alignment. The new box culvert is proposed to be sumped 2' into the stream bottom and placed on a 12" base of #53 stone. Approximately 5 linear feet of riprap will be installed upstream of the new culvert, and 53' of riprap, to include a riprap energy dissipater, will be installed downstream of the new culvert. Impacts to 0.01 acre of a 0.08 acre forested wetland and to 20' of unnamed tributary #1 (channel fill) to Stottard Ditch (both located in the southeast quadrant) are also proposed due to culvert replacement activities. A second unnamed tributary to Stottard Ditch will not be impacted. To isolate the work area during construction, a temporary dam and pump-around, using sandbags and impervious sheeting, is proposed to be used during culvert replacement. The pump around will be in place for approximately 30 days. Additional figures can be viewed in the electronic posting of this public notice at:
<http://www.in.gov/idem/6392.htm>.

Comment period: Any person or entity who wishes to submit comments or information relevant to the aforementioned project may do so by the closing date noted above. Only comments or information related to water quality or potential impacts of the project on water quality can be considered by IDEM in the water quality certification review process.

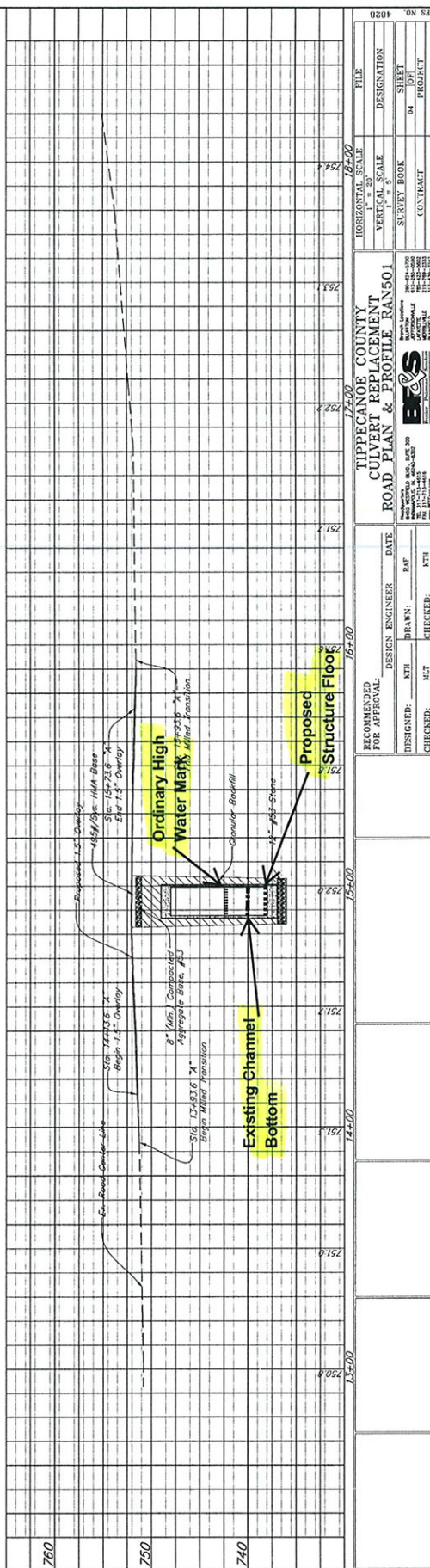
Public Hearing: Any person may submit a written request that a public hearing be held to consider issues related to water quality in connection with the project detailed in this notice. The request for a hearing should be submitted within the comment period to be considered timely. The request should also state the reason for the public hearing as specifically as possible to assist IDEM in determining whether a public hearing is warranted.

Questions? Additional information may be obtained from Ms. Liz Pelloso, Project Manager, at 317-233-2482. Please address all correspondence to the project manager and reference the IDEM project identification number listed on this notice. Indicate if you wish to receive a copy of IDEM's final decision. Written comments and inquiries may be forwarded to -

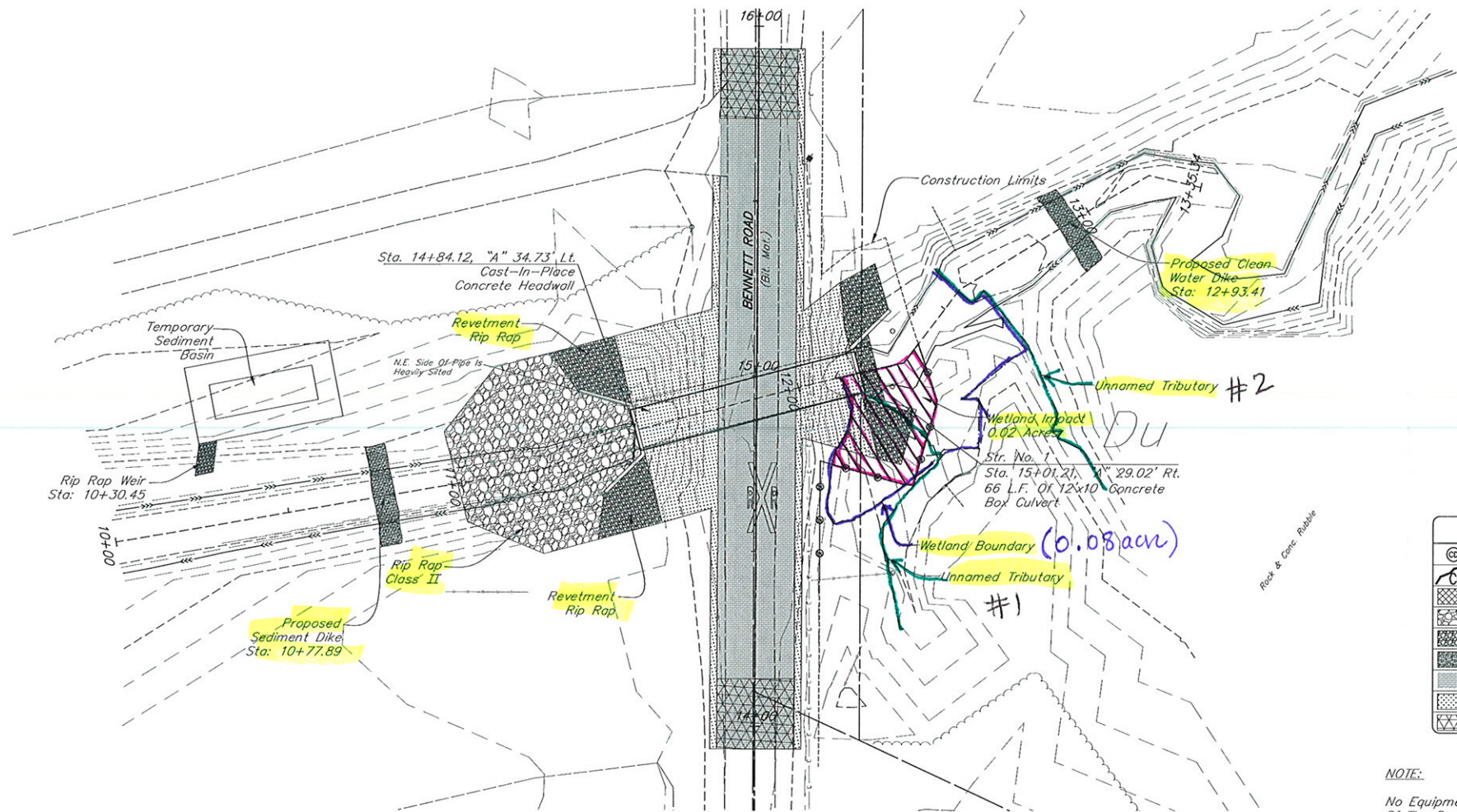
Indiana Department of Environmental Management
100 North Senate Avenue
MC65-42 WQS IGCN 1255
Indianapolis, Indiana 46204-2251
FAX: 317/232-8406



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U:\148298\Pro Development\Drawings\PLAN_501\PLAN501.dwg Rich Fidler Plot: 9/15/2010 9:27 AM Save: 9/14/2010 4:58 PM



- 0.02 acn Wetland impact
- 20' impact (fill) to unnamed tributary #1 in vicinity of wetland fill

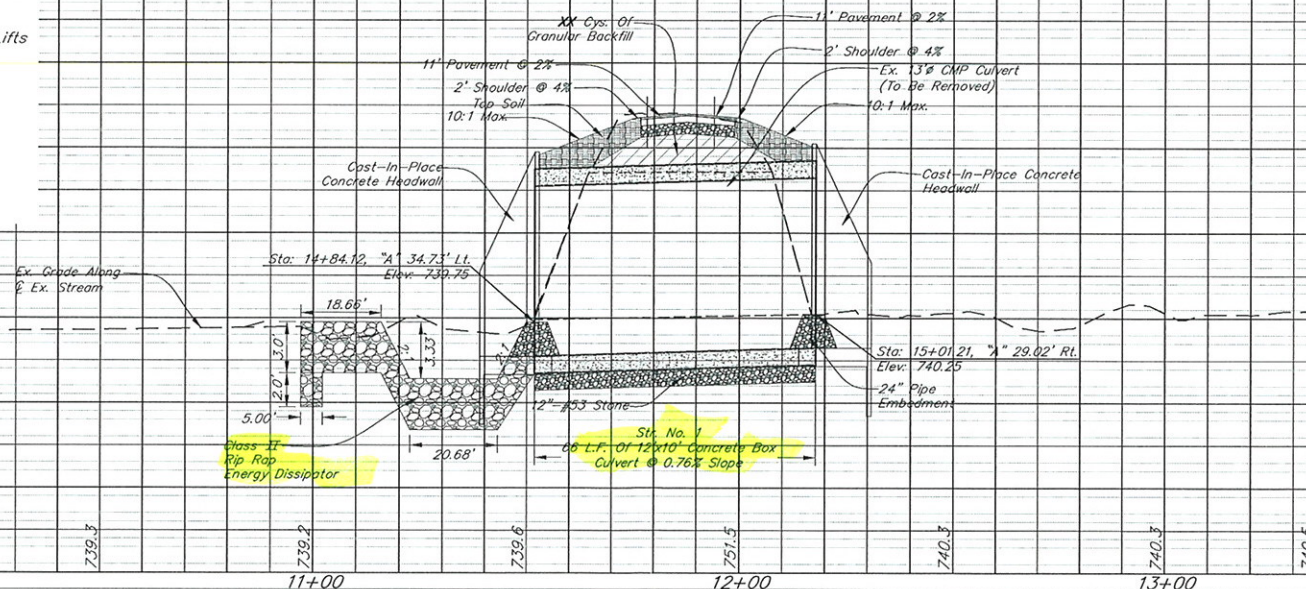
LEGEND			
	Rock Check Dam		Existing Telephone Line
	Soil Type Identification		Existing Overhead Utility Line
	Erosion Control Blanket		Soil Boring Location
	Class II Rip Rap		Wetland Impact Limits
	#53 Stone		Unnamed Tributary
	Revetment Rip Rap		Wetland Limits
	Pavement Overlay		OHWM
	Seeding		Heavy Duty Silt Fence
	Transition Milling		

NOTE:

No Equipment Or Fill Material Shall Be Placed In Wetland Area Outside Of The Construction Limits.

GENERAL NOTES

1. Compacted Aggregate, No. 53, Base To Be Placed In Four Inch Lifts Under HMA Patch.
2. Cost Of Sawcutting To Be Included In The Cost Of Other Items.
3. Coordinate Road Closure With The Tippecanoe County Highway Department.
4. For Dewater Details See Sheet ##.
5. For Restoration Schedule See Sheet ##.

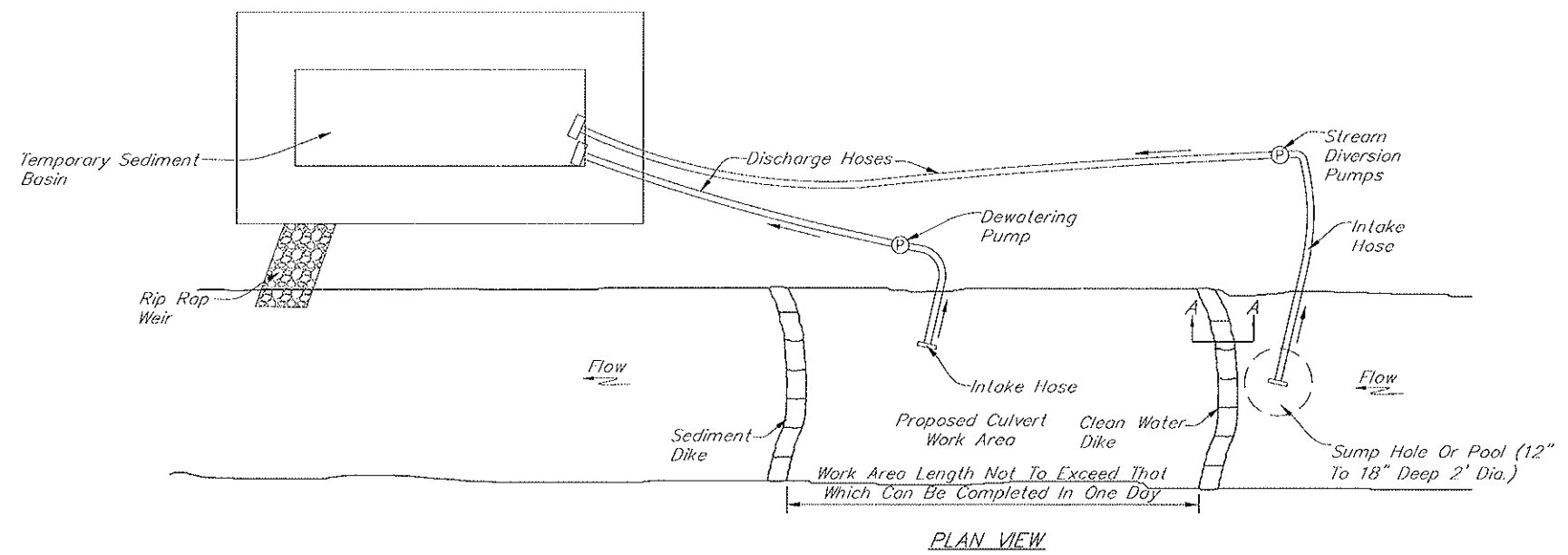


RECOMMENDED FOR APPROVAL:		
DESIGNED: KTH	DRAWN: RAF	DATE:
CHECKED: MLT	CHECKED: KTH	

TIPPECANOE COUNTY	
CULVERT REPLACEMENT	
CULVERT PLAN & PROFILE RAN501	
Headquarters 8450 WESTFIELD BLVD., SUITE 300 INDIANAPOLIS, IN 46240-8302 TEL 317-715-4615 FAX 317-715-4616 www.BFSengr.com	Branch Locations FORT WAYNE JEFFERSONVILLE LAFAYETTE MERRILLVILLE PLAINFIELD 260-459-1532 812-285-0590 765-423-5602 219-769-2333 317-839-3242

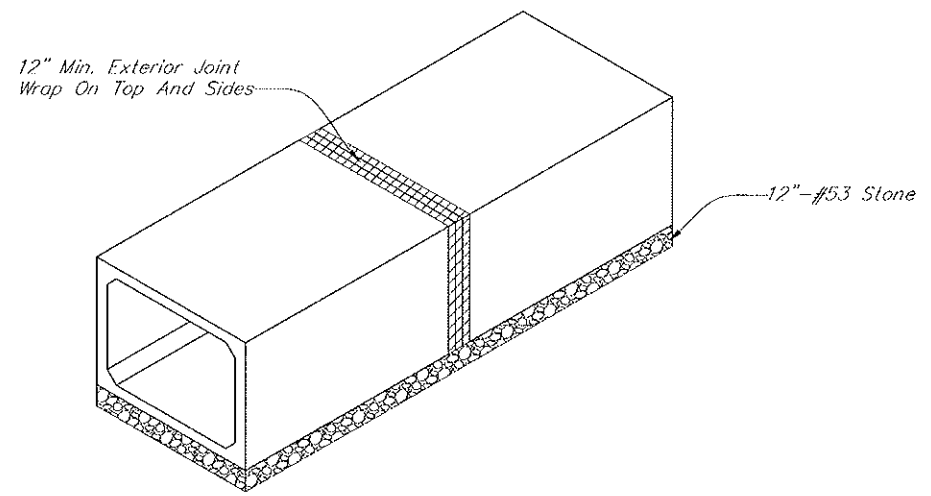
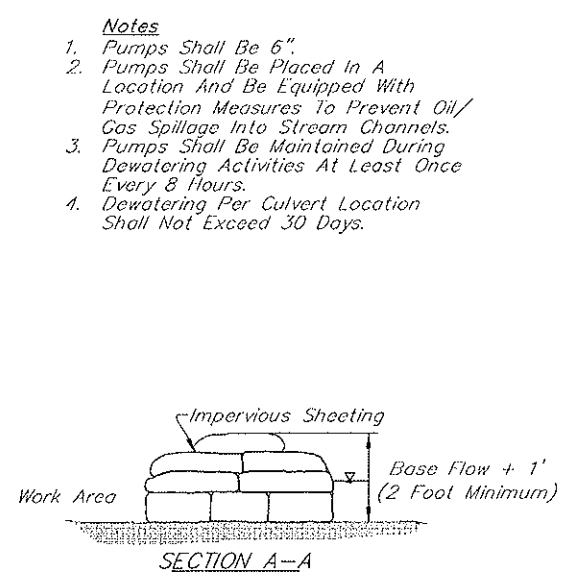
HORIZONTAL SCALE		FILE	
1" = 20'		DESIGNATION	
VERTICAL SCALE		SHEET	
1" = 5'		03 OF	
SURVEY BOOK		PROJECT	
CONTRACT			

RF5 NO. 4828

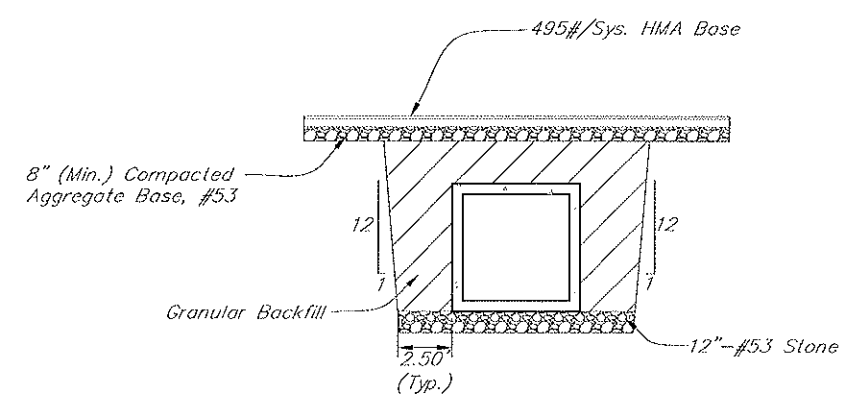


PLAN VIEW

BY-PASS PUMPING DETAIL



BOX CULVERT DETAIL
Not To Scale



BOX CULVERT CROSS SECTION
Not To Scale

DISTURBED AREA RESTORATION SCHEDULE

Slope Stabilization Mix:
The Top-Of-Bank And Side Slopes Above OHWM Will Be Planted With Permanent Grasses That Are Suitable For Erosion Control And Slope Stabilization. This Mix Should Be Applied At A Rate Of 59.5 Lbs/Acre.

Permanent Grasses/Sedges

Scientific Name	Common Name	Oz./Acre
Andropogon Gerardii	Big Bluestem	48.00
Bouteloua Curtipendula	Side-Oats Grama	16.00
Carex spp.	Prairie Sedge Mix	4.00
Elymus Canadensis	Canada Wild Rye	32.00
Elymus Virginicus	Virginia Wild Rye	24.00
Panicum Virgatum	Switch Grass	12.00
Schizachyrium Scoparium	Little Bluestem	32.00
Sorghastrum Nutans	Indian Grass	0.50
Total Oz./Acre		200.00

Temporary Cover (If Required)

Scientific Name	Common Name	Oz./Acre
Avena Sativa	Common Oat	512.00
Lolium Multiflorum	Annual Rye	240.00
Total Oz./Acre		752.00

All Stream Bank Areas Disturbed By Temporary Pump-Around Construction Will Be Restored To Original Pre-Construction Contours, Where Applicable, And Areas Where Vegetation Has Been Cleared Will Be Re-Seeded With A Native Slope Stabilization Seed Mix. Only Minor Impacts To The Immediate Stream Channel Are Anticipated At The Cofferdam Locations Where Sandbags Will Be Temporarily Placed. No Seed Mix Application Or Other Plantings Will Be Used Below The Apparent Vegetation Line Of The Stream (As Noted Immediately Upstream And Downstream Of The Temporary Impact Areas).

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RECOMMENDED FOR APPROVAL:	DESIGN ENGINEER		DATE	TIPPECANOE COUNTY CULVERT REPLACEMENT MISC. ELLANEOUS DETAILS 	HORIZONTAL SCALE	FILE
	DESIGNED: KTH		DRAWN: RAP		VERTICAL SCALE	DESIGNATION
	CHECKED: MLT		CHECKED: KTH		SURVEY BOOK	SHEET
					CONTRACT	PROJECT

BES NO. 1028